

**REMARKS**

Reconsideration and allowance of this application, as amended, is respectfully requested.

This Amendment is in response to the Office Action dated October 26, 2007. Appreciation is expressed to the Examiner for the allowance of claims 25, 27, 46 and 46. By the present Amendment, each of the rejected independent claims 13, 15, 16, 17, 22, 23 and 26 has been amended to clarify the invention, as will be discussed below.

Reconsideration and removal of the objection to the drawings, the objection to the Specification, and the 35 USC §112, first paragraph, rejections based on failure to comply with written description requirements and enablement requirements, is respectfully requested. By the present Amendment, each of the rejected independent claims has been amended to delete the language, which these various objections and rejections appear to be premised on, regarding entire areas which the through holes in the semiconductor substrate occupy being included in areas which only the through holes of the multilayer wiring board occupy. Instead, each of these claims has been amended to clearly define that it is areas of the through holes, projected onto the multilayer wiring board, which falls within the through holes of the multilayer wiring board. It is respectfully submitted that this is clearly illustrated in the drawing figures, including Figs. 2(C) and 5, as well as being supported by the discussion on page 19, line 5 et seq. It is also respectfully submitted that this claim language clearly defines over the cited prior art of record, and the admitted prior art of Fig. 4, none of which teach the claimed relationship regarding the projected areas. Therefore,

reconsideration and allowance of each of the independent claims 14, 15, 16, 17, 22, 23 and 26, together with their respective dependent claims, is respectfully requested.

In addition, it is noted that new dependent claims 50-54 are submitted which specifically define that the entirety of each of the projected areas in an XY plane perpendicular to a Z axis of the multilayer wiring board, along which axis the through holes extend, are included in areas in the XY plane of the corresponding through holes in the multilayer wiring board. The current claim language is specifically drafted from the language used in page 19, line 5 et seq. of the Specification that:

“In the present invention, an entire area occupied by the via holes 5 is included in an area occupied by the thermal vias 4 in the XY plane in the Figure.”

As such, it is respectfully submitted that the language of these dependent claims is also clearly supported by the Specification and the drawings which this portion of the Specification refers to. Therefore, reconsideration and allowance of these newly presented dependent claims 50-54 is also respectfully requested.

With regard to the newly submitted dependent claims, it is noted that on page 16 of the Office Action, it is stated that the previous arguments with regard to page 19, line 5 et seq., were “deemed unpersuasive because the scope of the claims is not so limited.” Accordingly, the new dependent claims 50-54 have been specifically drafted to include the language used in the specification with regard to the areas in the XY plane of the figures, clearly shown in Fig. 2(c). Therefore, it is urged that these dependent


claims very clearly correspond to the Specification and the drawings, and, as such, entry of these claims, removal of the objections and rejections previously set forth in the Office Action, and allowance of these claims, together with their respective parent claims, is earnestly solicited.

If the Examiner believes that there are any other points which may be clarified or otherwise disposed of either by telephone discussion or by personal interview, the Examiner is invited to contact Applicants' undersigned attorney at the number indicated below.

To the extent necessary, Applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to the Antonelli, Terry, Stout & Kraus, LLP Deposit Account No. 01-2135 (Docket No. 500.40530X00), and please credit any excess fees to such deposit account.

Respectfully submitted,  
**ANTONELLI, TERRY, STOUT & KRAUS, LLP**

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/Gregory E. Montone/   
Gregory E. Montone  
Reg. No. 28,141  
1300 North Seventeenth Street, Suite 1800  
Arlington, Virginia 22209  
Telephone: (703) 312-6600  
Facsimile: (703) 312-6666